

3rd Grade Math Lesson Plan Unit MLP CCSS 3 NBT Lesson 2

Teacher: _____ Dates: _____

| | | |
|---|--|---|
| ✓ | CCSS 3RD GRADE Math: OPERATIONS and ALGEBRAIC THINKING or OA | |
| | Represent and solve problems involving multiplication and division. | |
| | 3.OA | Basics (Not expressly covered below, but these skills are required to master OA) |
| | 3.OA.A.1 | Interpret products of whole numbers, e.g., interpret 5×7 as the total number of objects in 5 groups of 7 objects each. <i>For example, describe a context in which a total number of objects can be expressed as 5×7.</i> |
| | 3.OA.A.2 | Interpret whole-number quotients of whole numbers, e.g., interpret $56 \div 8$ as the number of objects in each share when 56 objects are partitioned equally into 8 shares, or as a number of shares when 56 objects are partitioned into equal shares of 8 objects each. <i>For example, describe a context in which a number of shares or a number of groups can be expressed as $56 \div 8$.</i> |
| | 3.OA.A.3 | Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem. ¹ |
| | 3.OA.A.4 | Determine the unknown whole number in a multiplication or division equation relating three whole numbers. <i>For example, determine the unknown number that makes the equation true in each of the equations $8 \times ? = 48$, $5 = \underline{\quad} \div 3$, $6 \times 6 = ?$</i> |
| | Understand properties of multiplication and the relationship between multiplication and division. | |
| | 3.OA.B.5 | Apply properties of operations as strategies to multiply and divide. ² <i>Examples: If $6 \times 4 = 24$ is known, then $4 \times 6 = 24$ is also known. (Commutative property of multiplication.) $3 \times 5 \times 2$ can be found by $3 \times 5 = 15$, then $15 \times 2 = 30$, or by $5 \times 2 = 10$, then $3 \times 10 = 30$. (Associative property of multiplication.) Knowing that $8 \times 5 = 40$ and $5 \times 2 = 10$, one can find 8×7 as $8 \times (5 + 2) = (8 \times 5) + (8 \times 2) = 40 + 16 = 56$. (Distributive property.)</i> |
| | 3.OA.B.6 | Understand division as an unknown-factor problem. <i>For example, find $32 \div 8$ by finding the number that makes 32 when multiplied by 8.</i> |
| | Multiply and divide within 100. | |
| | 3.OA.C.7 | Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that $8 \times 5 = 40$, one knows $40 \div 5 = 8$) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers. |
| | Solve problems involving the four operations, and identify and explain patterns in arithmetic. | |
| | 3.OA.D.8 | Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding. ³ |
| | 3.OA.D.9 | Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations. <i>For example, observe that 4 times a number is always even, and explain why 4 times a number can be decomposed into two equal addends.</i> |
| ✓ | CCSS 3RD GRADE Math: NUMBER and OPERATIONS in BASE TEN or NBT | |
| | Use place value understanding and properties of operations to perform multi-digit arithmetic.¹ | |
| ✓ | 3.NBT | Basics (Not expressly covered below, but these skills are required to master NBT) |
| | 3.NBT.A.1 | Use place value understanding to round whole numbers to the nearest 10 or 100. |
| | 3.NBT.A.2 | Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction. |
| | 3.NBT.A.3 | Multiply one-digit whole numbers by multiples of 10 in the range 10–90 (e.g., 9×80 , 5×60) using strategies based on place value and properties of operations. |

Siop Lesson Plans For 3rd Grade Math

Nicki Newton



Siop Lesson Plans For 3rd Grade Math:

Higher grounds Patience Adjekai Sowa, PhD, Rachel Jordan, Wendi Ralaingita, Benjamin Piper, 2021-05-23 To address chronically low primary school completion rates and the disconnect between learners skills at the end of primary school and the skills learners need to thrive in secondary school identified in many low and middle income countries more investment is needed to improve the quality of teaching and learning in upper primary grades Accordingly we provide guidelines for improving five components of upper primary education 1 In service teacher professional development and pre service preparation to improve and enhance teacher quality 2 a focus on mathematics literacy and core content area subjects 3 assessment for learning 4 high quality teaching and learning materials and 5 positive school climates We provide foundational guiding principles and recommendations for intervention design and implementation for each component Additionally we discuss and propose how to structure and design pre service teacher preparation and in service teacher training and ongoing support fortified by materials design and assessment to help teachers determine where learners are in developmental progressions move learners towards mastery and differentiate and support learners who have fallen behind We provide additional suggestions for integrating a whole school climate curriculum social emotional learning and school related gender based violence prevention strategies to address the internal and societal changes learners often face as they enter upper primary The SIOP Model for Administrators Deborah Short, 2008 **Teacher Education Yearbook XXV** Nancy P. Gallavan, LeAnn G. Putney, 2017-02-01 The Association of Teacher Educators ATE Teacher Education Yearbook XXV is dedicated to building upon inspirations and aspirations with hope courage and strength by examining teacher educators commitment to today s teachers and tomorrow s leaders The 16 chapters in ATE Yearbook XXV relay the research findings from 38 authors whose hearts heads and hands connect with the constructs of hope courage and strength **Equity, Equality, and Reform in Contemporary Public Education** Grant, Marquis C., 2018-03-30 Equality and equity are often mischaracterized as interchangeable terms in public education This may explain why efforts towards reform and restructure are often not met with any real measure of success Equity Equality and Reform in Contemporary Public Education provides emerging research on the reformation of education curriculum to provide proportionate opportunities for marginalized students and support for student achievement in public education While highlighting topics such as achievement gaps gender biases and multicultural responsiveness this book explores the theories and applications of different measures of reform to promote fairness among individual students This book is an important resource for educators professionals school administrators researchers and practitioners in the field of education *The Psychological Experience of Integrating Content and Language* Kyle Read Talbot, Marie-Theres Gruber, Rieko Nishida, 2021-02-05 This book brings together a diverse range of empirical chapters spanning various contexts and educational levels which explore the psychology of teaching and learning a subject through a second or other language The chapters discuss both the psychological stressors and strains for

learners and teachers as well as the benefits and joys of being involved in such programmes The studies encompass a range of areas such as Content and Language Integrated Learning CLIL Foreign Language Medium of Instruction FMI bilingual education and other related approaches to integrating content and language They feature a variety of psychological constructs including identity self confidence motivation self concept teacher and learner beliefs affect anxiety stress mindsets attributions and well being from the perspectives of both teachers and learners This book is essential reading for anyone interested in ensuring that teachers and students are properly supported and that their experiences of integrated content and language settings enable them to flourish

Care & Advocacy Jo Bennett, 2012-01-10 This book shares oral narratives from a school for first generation immigrant youth highlighting the importance of caring relationships among students teachers and staff It illustrates Nel Noddings Care Theory showing how daily interactions enhance school culture and address inequities

Educating Young Children with Diverse Languages and Cultures Karen N. Nemeth, 2021-12-24 This comprehensive textbook prepares early childhood educators to effectively work with and support young children ages 0 8 with diverse languages cultures and learning needs With a multipurpose multilevel format this dynamic resource focuses on the central role of language development and culture in all aspects of learning Adaptable chapters cover curriculum family involvement co teaching classroom environment and more and feature both brief and deeper study versions of the material alongside a wealth of case examples and implementation strategies Accompanied by an online instructor's manual this ground breaking text is an ideal resource for students and educators in early childhood and second language education and all fields that work with young children

Writing Instruction and Assessment for English Language Learners K-8 Susan Lenski, Frances Verbruggen, 2010-04-22 A must read for all teachers of ELLs in mainstream and ESL classrooms The book presents step by step ways to implement innovative methods and activities emphasizing the importance of carefully planning instruction and creating a culture of collaboration in a school I found the cross cultural information about writing very important for understanding the interaction of native language and writing development in English Carla Paciotta EdD Western Illinois University

Common Core State Standards 3rd Grade Lesson Plans Kim Clements, Teacher's Life, 2013-02-01 This book contains two lesson plans for each of the Common Core State Standards These include both Language Arts Math There are a total of 126 lessons and 7 rubrics Also included is a recommended reading list

Math Workshop, Grade 3 Erin McCarthy, 2018-01-12 Math Workshop for third grade provides complete small group math instruction for these important topics multiplication division fractions area quadrilaterals Simple and easy to use this teacher resource for third grade math teachers complements any curriculum Like reading and writing workshops math workshop is an instructional model that combines whole group lessons with leveled guided math groups and independent practice It allows teachers to give students direct leveled instruction while providing opportunities for practice and skill review Math Workshop for third grade simplifies the workshop method with a comprehensive introduction and over

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Guided Math Lessons in Third Grade Nicki Newton, 2021-11-29 Guided Math Lessons in Third Grade provides detailed lessons to help you bring guided math groups to life Based on the bestselling Guided Math in Action this practical book offers 16 lessons taught in a round of 3 concrete pictorial and abstract The lessons are based on the priority standards and cover fluency word problems fractions and place value Author Dr Nicki Newton shows you the content as well as the practices and processes that should be worked on in the lessons so that students not only learn the content but also how to solve problems reason communicate their thinking model use tools use precise language and see structure and patterns Throughout the book you ll find tools templates and blackline masters so that you can instantly adapt the lesson to your specific needs and use it right away With the easy to follow plans in this book students can work more effectively in small guided math groups and have loads of fun along the way Remember that guided math groups are about doing the math So throughout these lessons you will see students working with manipulatives to make meaning doing mathematical sketches to show what they understand and can make sense of the abstract numbers When students are given the opportunities to make sense of the math in hands on and visual ways then the math begins to make sense to them

Math Lessons for a Living Education Level 3 Angela O'Dell, Kyrsten Carlson, 2016-06-20 Teach math lessons through the creative means of a life story Provide 36 weeks of instruction based on skill levels rather than grade levels Guide students by the use of inexpensive manipulatives including index cards dried beans and construction paper We often tend to compartmentalize when teaching children In real life there aren t artificial barriers between subjects For example when you are cooking or baking you have to use the skills of reading logical thinking and measuring just to name a few In driving a car you see and read road signs read maps and count miles So why do we say to children This is math this is language this is about science and nature and this is history The most natural and effective means to teach children is through life examples Content story and the ability to show math in real life make a living math book

50+ Super-Fun Math Activities Carolyn Ford Brunetto, 2010 Easy standards based lessons activities and reproducibles that build and reinforce the math skills and concepts third graders need to know

Balanced Guided Math for Third Grade Angela Bauer, 2013-08-10 Balanced Guided Math for Third Grade Instruction and Lesson Plans for The First 22 Days and Beyond

explains how to set up a balanced mathematics classroom format based on guided math techniques This resource manual contains actual lesson plans for second grade teachers to integrate and implement Guided Math Groups according to Common Core State Standards If fact Angela purposefully designed this in a binder format so this tool will continue to be a teacher s best resource for The First 22 Days and Beyond for every school year The beginning 7 chapters of this resource book discuss each of the six components of Balanced Guided Math provide the background knowledge educators need to implement Balanced Guided Math techniques describe practical explanation of strategies and schedules that work in guided math classrooms contain all of the How to teachers need to get started include the author s fifteen years of research and development The final 5 chapters include the exact lesson plans for 22 days for Second Grade teachers according to Common Core State Standards guide teachers for planning for the rest of the year detail the steps to successfully train students in the procedures and behaviors in Balanced Guided Math Groups utilize the specific math strategies for the entire year are designed as a lesson plan book that can be used with any math curriculum series are organized in a binder format so teachers can add in any specific worksheets they use

Third Common Core Activities: Third Grade Math Marjorie Frank,2012-07 Covering language and math for grades 1 through 5 this series invites engages and visually attracts students with activity pages to be used for group or individual lessons or reviews Each page is focused on a specific grade level standard Common Core State Standards are clearly listed in the front of each book with correlation to particular activity pages Each book also includes an assessment of the standards covered

180 Days: Math for Third Grade Jodene Lynn Smith,2011-04-01 Provides teachers and parents with 180 daily practice activities to build and gauge students mathematical fluency This book features quick diagnostic based activities and includes data driven assessment tips Digital resources include assessment analysis tools and pdfs of the activity sheets With these daily practice activities teachers and parents will be helping first graders improve their math skills in no time

Third-Grade Math Minutes Alaska Hults,Creative Teaching Press,2002 Help students master essential math skills with the motivating classroom tested Math Minutes format featured in this new book It provides 100 Minutes of 10 problems each for students to complete within a one to two minute period Providing daily practice in every key area of math instruction Math Minutes is a fun way to improve students problem solving speed crucial for testing situations and an instant assessment tool

Daily Math Practice for Third Grade (Week 26) Jodene Smith,2014-01-01 This week of practice pages build third graders mathematical fluency Each problem is tied to a specific mathematical concept Daily practice through these quick activities will help your young mathematicians Great formative assessment tool

[Elementary School Lesson Plans Grades Three to Five;integrating the Learning of Mathematics with the Game of Baseball](#) James Schoedler,2009-04-01

Daily Math Practice for Third Grade (Week 8) Jodene Smith,2014-01-01 This week of practice pages build third graders mathematical fluency Each problem is tied to a specific mathematical concept Daily practice through these quick activities will help your young mathematicians Great

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